

1 LISTING OF CLAIMS

- 2
- 3 1. (Currently Amended) An inkjet cartridge refurbishing system including:
- 4 (a) a pump assembly having an ink intake, an ink outlet, and a control input, the ink
- 5 outlet being connected to a proximal end of a supply conduit; and
- 6 (b) a fill gun having a fill needle, a handle connected to the fill needle, a kill switch,
- 7 and a fill trigger switch provided on the handle, the fill needle being connected to
- 8 receive fluid directed through the supply conduit, [[and]] the fill trigger switch
- 9 being operatively connected to the control input so as to selectively apply a
- 10 control signal to the control input, and the kill switch being located on the handle
- 11 and being operable to selectively deactivate the pump assembly from pumping ink
- 12 through the supply conduit to the fill needle.

13

14 2. Canceled

- 15
- 16 3. (Currently Amended) The inkjet cartridge refurbishing system of Claim 2 1 wherein the
- 17 kill switch is located on the handle on a side substantially opposite of the fill trigger
- 18 switch.

- 19
- 20 4. (Original) The inkjet cartridge refurbishing system of Claim 1 wherein the handle
- 21 includes a grip portion extending transverse to a longitudinal axis of the fill needle, and
- 22 wherein the fill trigger switch is located adjacent to a leading edge of the grip portion.

- 1 (b) activating a fill trigger switch on the fill gun to activate a pump assembly to
2 transfer ink from an ink intake line to the fill needle and into the inkjet cartridge;
3 [[and]]
4 (c) ~~deactivating the pump assembly~~ detecting a configuration error; and
5 (d) responsive to the configuration error, actuating a kill switch on the fill gun to
6 deactivate the pump assembly.
7

8 11. Canceled
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10 12. (Original) The method of Claim 10 further including the step of setting an auto-cutoff
11 device to deactivate the pump assembly after a desired volume has been pumped.
12

13 13. (Original) The method of Claim 10 further including the step of inserting the ink intake
14 line into a cleaner fluid supply prior to activating the pump assembly.
15

16 14. (Original) The method of Claim 13 further including the step of withdrawing the ink
17 intake line from the cleaner fluid supply and inserting the ink intake line into an ink
18 supply.
19

20 15. (Currently Amended) An inkjet cartridge fill gun including:

- 21 (a) a fill needle;

- 1 (b) an ink supply fitting arrangement connected to the fill needle to enable the fill
2 needle to be connected to receive a flow of ink from an ink supply conduit;
3 (c) a handle connected to the fill needle; [[and]]
4 (d) a fill trigger switch provided on the handle, the fill trigger switch being operable
5 when activated to initiate a pump assembly control signal; and
6 (e) a kill switch located on the fill gun, the kill switch being selectively operable to
7 initiate a kill signal for use in stopping a flow of ink through the ink supply
8 conduit to the fill needle.
9

10 16. (Original) The inkjet cartridge fill gun of Claim 15 wherein the handle includes a grip
11 portion extending transverse to a longitudinal axis of the fill needle and the fill trigger
12 switch is located adjacent to a leading edge of the grip portion.
13

14 17. Canceled
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16 18. (Currently Amended) The inkjet cartridge fill gun of Claim ~~17~~ 16 wherein the kill switch
17 is located on a side of the handle opposite from the fill trigger switch.
18

19 19. (Currently Amended) The inkjet cartridge fill gun of Claim 15 further including a needle
20 exchange-fitting connector between the fill needle and the ink supply fitting arrangement,
21 the needle exchange-fitting connector being configured to allow removal and replacement
22 of the fill needle.

- 1
- 2 20. (Currently Amended) The inkjet cartridge fill gun of Claim 15 wherein the ink supply
- 3 fitting arrangement includes a check valve operable to prevent a reverse flow of ink in
- 4 direction from the fill needle to the ink supply conduit.
- 5
- 6 21. (New) An apparatus including:
- 7 (a) a pump assembly having an ink intake, an ink outlet, and a control input, the ink
- 8 outlet being connected to a proximal end of a supply conduit;
- 9 (b) a fill gun having a fill needle, a handle connected to the fill needle, and a fill
- 10 trigger switch provided on the handle, the fill needle being connected to receive
- 11 fluid directed through the supply conduit, and the fill trigger switch being
- 12 operatively connected to the control input so as to selectively apply a control
- 13 signal to the control input; and
- 14 (c) an auto-cutoff device that includes a timer, the auto-cutoff device being operable
- 15 to automatically deactivate the pump assembly after a set period of operation
- 16 measured by the timer.
- 17
- 18 22. (New) A method including:
- 19 (a) inserting a fill needle of a fill gun into an inkjet cartridge;
- 20 (b) activating a fill trigger switch on the fill gun to activate a pump assembly to
- 21 transfer ink from an ink intake line to the fill needle and into the inkjet cartridge;
- 22 (c) deactivating the pump assembly; and

1 (d) inserting the ink intake line into a cleaner fluid supply prior to activating the pump
2 assembly.

3
4 23. (New) The method of Claim 22 further including withdrawing the ink intake line from
5 the cleaner fluid supply and inserting the ink intake line into an ink supply.